

WHAT IS CLAIMED IS:

1. (Currently Amended) A wireless system operable to issue commands to a robotic device according to a typematic rate of interface, for controlling operations associated with generating and detecting ultrasonic surface displacements on a remote object, the operations including obtaining information associated with the object, the system including:

a processor operably coupled to the robotic device, wherein the robotic device further comprises a laser ultrasonic non destructive evaluation (NDE) inspection system operable to generate and detect ultrasonic surface displacements on a remote object;

the a laser ultrasonic system linked with the processor; and

a wireless communicator operably interfaced to the processor wherein the wireless communicator is operable to generate at least one command signal based on the typematic rate of interface;

the wireless communicator generating a command signal;

the processor receiving the command signal and operating the laser ultrasonic system based on the command signal

the processor is operable to issue the at least one command signal to the robotic device wherein the processor is operable to issue a second command signal when the typematic rate of interface changes beyond a predetermined threshold.

2. (Currently Amended) The wireless system of ~~according to~~ claim 1 further including a restricted system.

3. (Currently Amended) The wireless system of ~~according to~~ claim 2 wherein the restricted system includes a barrier.

4. (Currently Amended) The wireless system of ~~according to~~ claim 3 wherein the lasing system is enclosed by the barrier.

5. (Currently Amended) The wireless system of ~~according to~~ claim 3 wherein the wireless communicator opens the barrier.

6-11. Canceled.

12. (Currently Amended) The wireless system of ~~according to~~ claim 1 wherein the lasing operations include controlling a robotic device.

13. (Currently Amended) The wireless system of ~~according to~~ claim 12 wherein the wireless communicator generates a command signal associated with the robotic device.

14. (Currently Amended) The wireless system of ~~according to~~ claim 12 wherein the wireless communicator generates a command signal based on the typematic rate of interface.

15. (Currently Amended) The wireless system of ~~according to~~ claim 12 wherein the wireless communicator continuously generates a command signal based on a typematic rate of interface.

16. (Currently Amended) The wireless system of ~~according to~~ claim 12 wherein the wireless communicator continuously generates a plurality of command signals based on the typematic rate of interface.

17-36. Canceled.

37. (Currently Amended) A wireless controller operable to issue commands to a robotic device according to a typematic rate of interface, for controlling operations associated with generating and detecting ultrasonic surface displacements on a remote object, the operations including obtaining information associated with the object, the wireless controller comprising:
system including

a processor operably coupled to the robotic device, wherein the robotic device further comprises a high-energy density system;

a laser ultrasonic system linked with the processor; and

a wireless communicator operably coupled to the processor wherein the wireless communicator is operable to generate at least one command signal based on the typematic rate of interface;

~~the communicator generating a command signal;~~

~~the processor receiving the command signal and operating the laser ultrasonic system based on the command signal.~~

the processor is operable to issue the at least one command signal to the robotic device wherein the processor is operable to issue a second command signal when the typematic rate of interface changes beyond a predetermined threshold.

38. (New) A wireless controller operable to issue commands to a robotic device according to a typematic rate of interface, the system comprising:

a processor operably coupled to the robotic device, wherein the robotic device further comprises a laser ultrasonic system operable to generate and detect ultrasonic surface displacements on a remote object; and

a wireless communicator operably interfaced to the processor wherein the wireless communicator is operable to generate at least one command signal based on the typematic rate of interface; and

the processor is operable to issue the at least one command signal to the robotic device wherein the processor is operable to issue a second command signal when the typematic rate of interface changes beyond a predetermined threshold.

39. (New) A controller operable to issue to an emergency stop command according to a typematic rate of interface, the controller comprising:

a processor operably coupled to the high-energy density system;

a wireless communicator operably coupled to the processor wherein the wireless communicator is operable to generate at least one command signal based on the typematic rate of interface;

the processor is operable to issue the at least one command signal to the high-energy density system wherein the processor is operable to issue the emergency stop command signal when the typematic rate of interface changes beyond a predetermined threshold.